

FIG. 1A
PRIOR ART

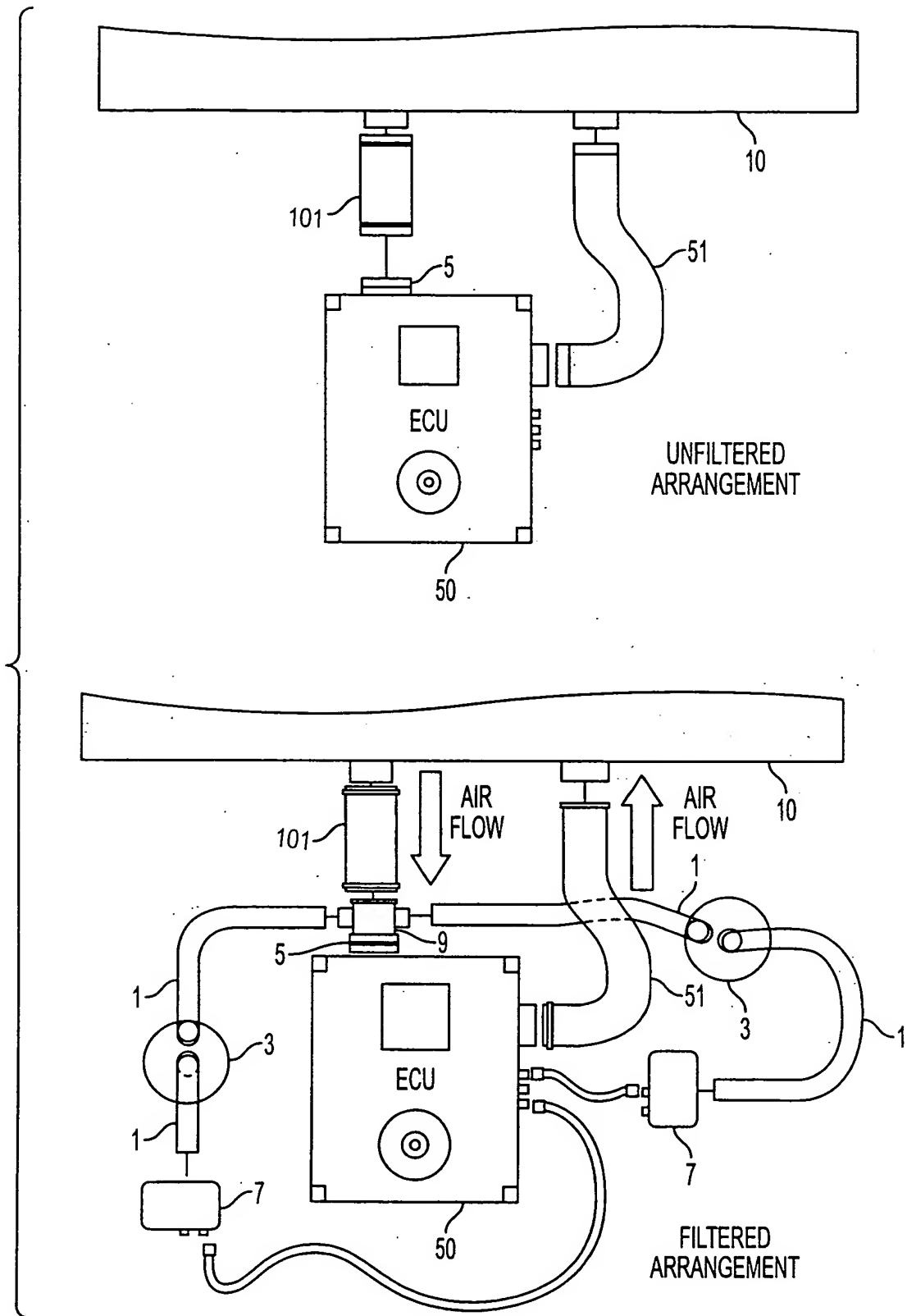


FIG. 1B
PRIOR ART

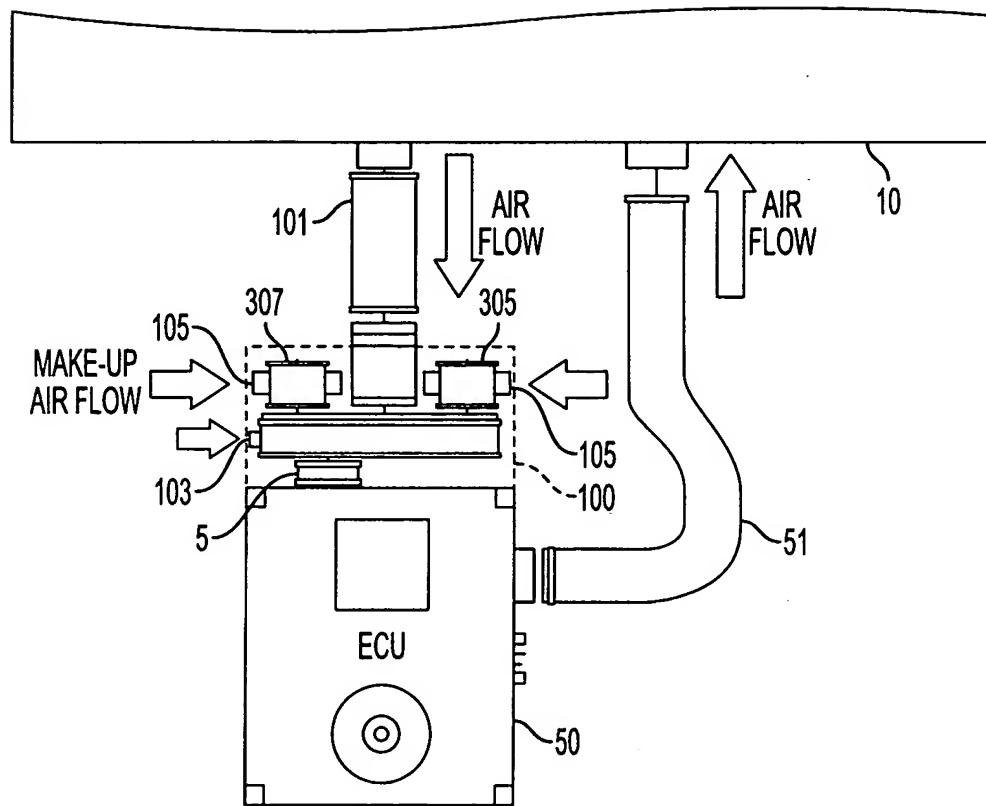


FIG. 2

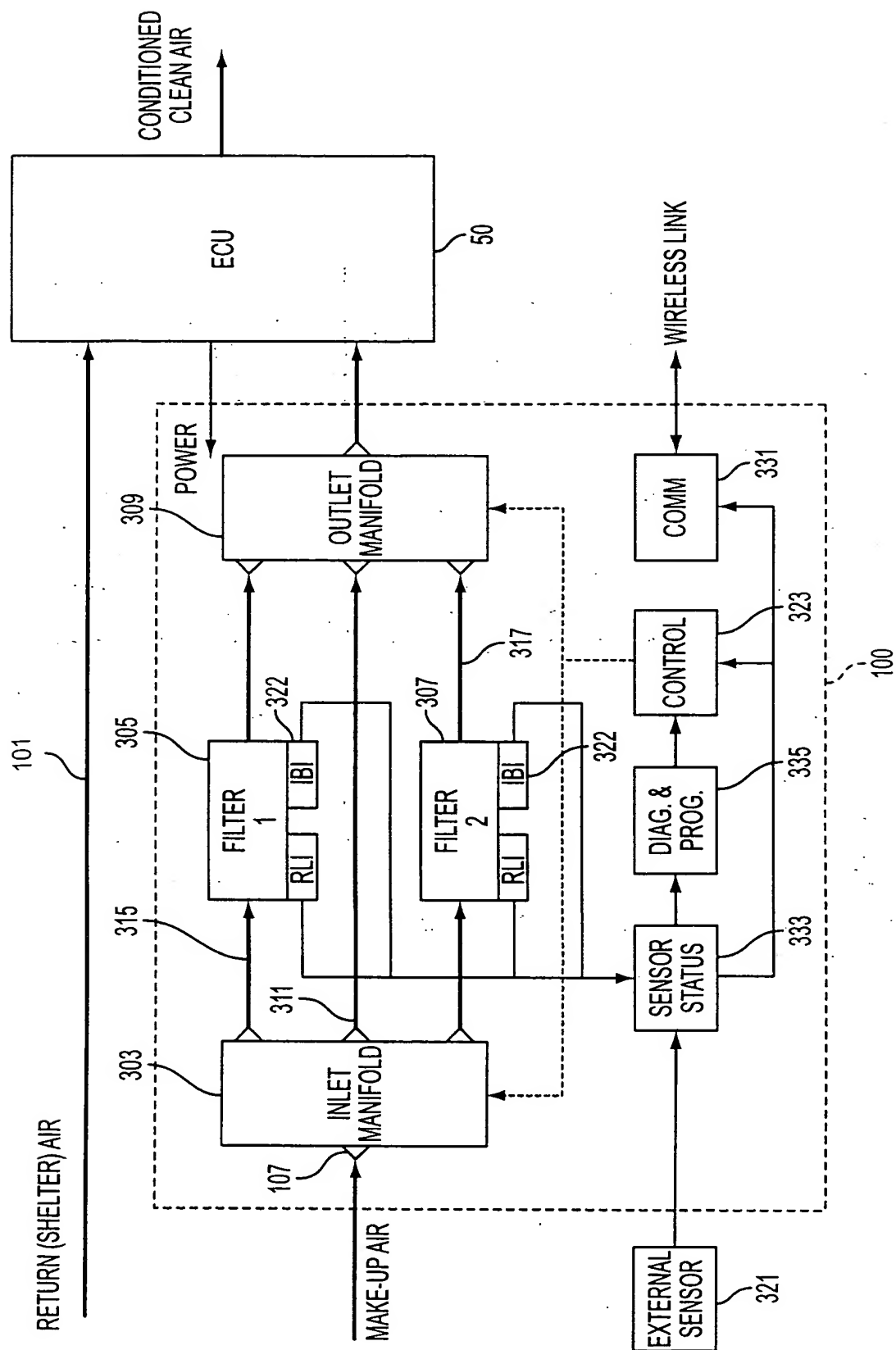


FIG. 3A

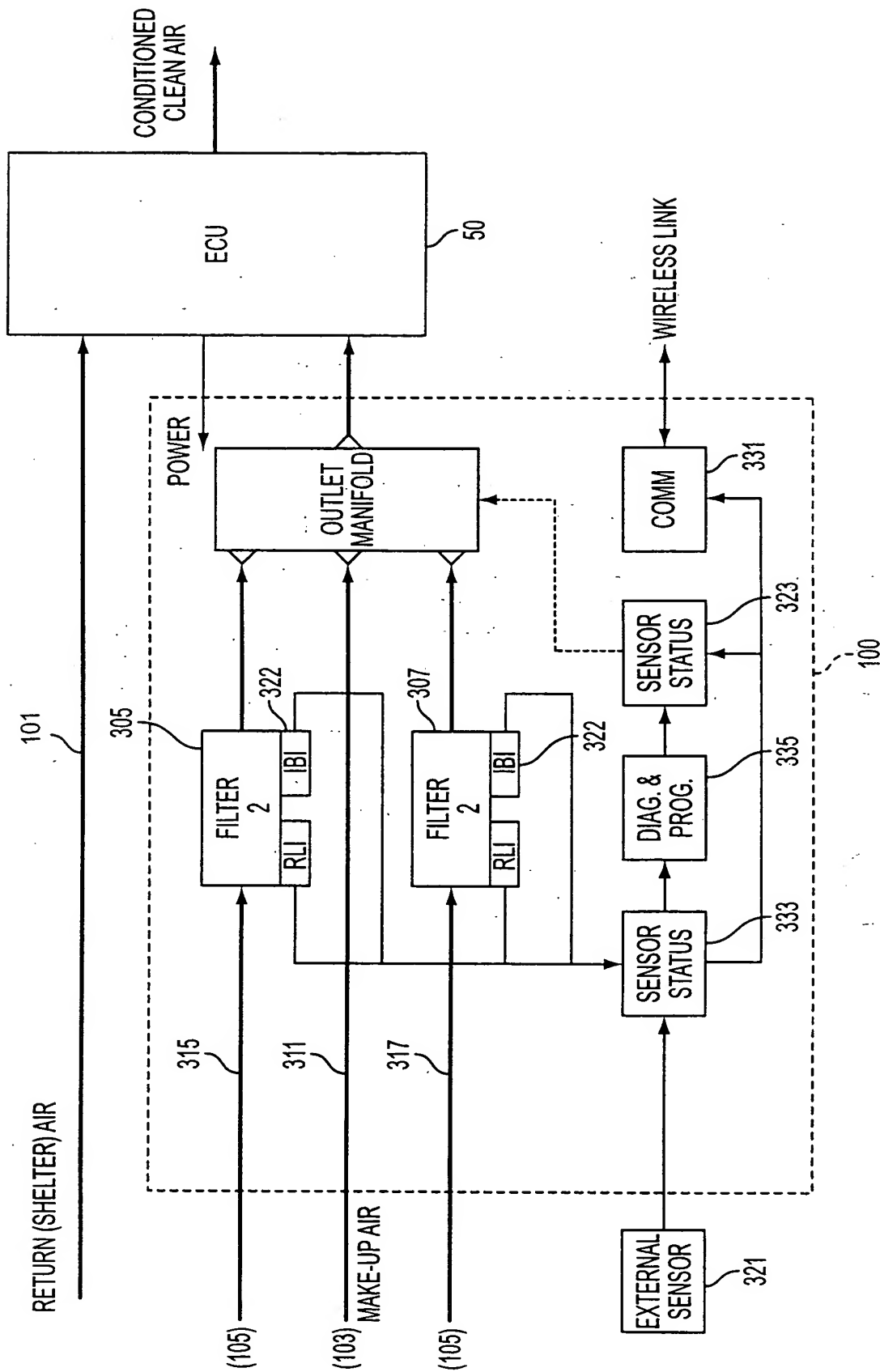
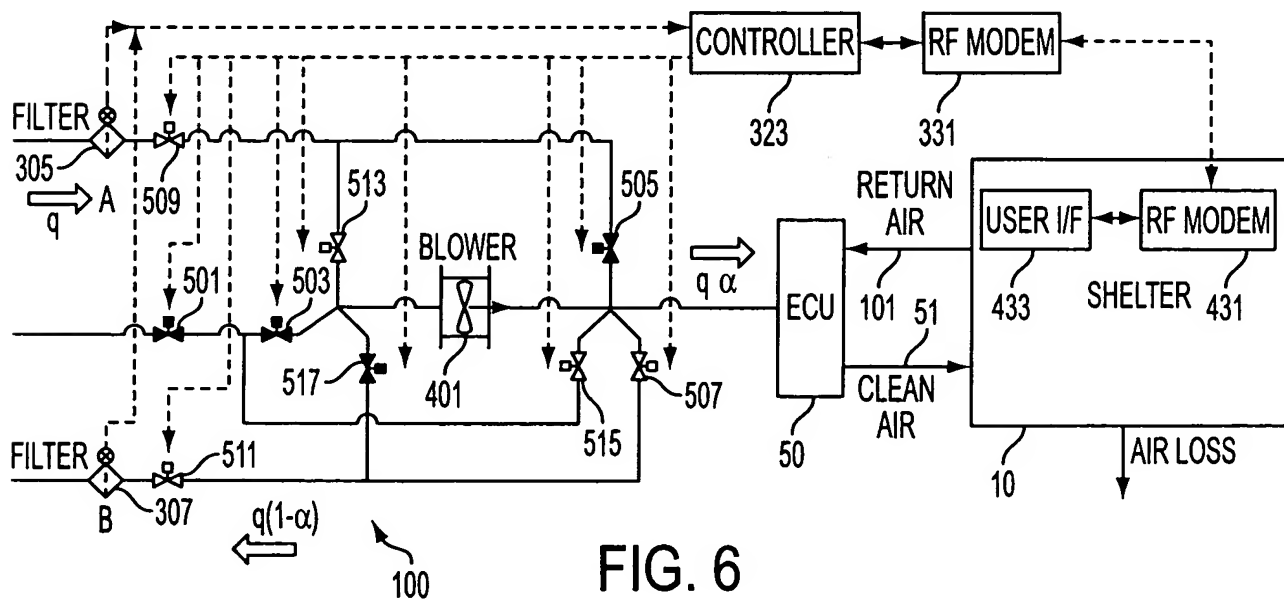
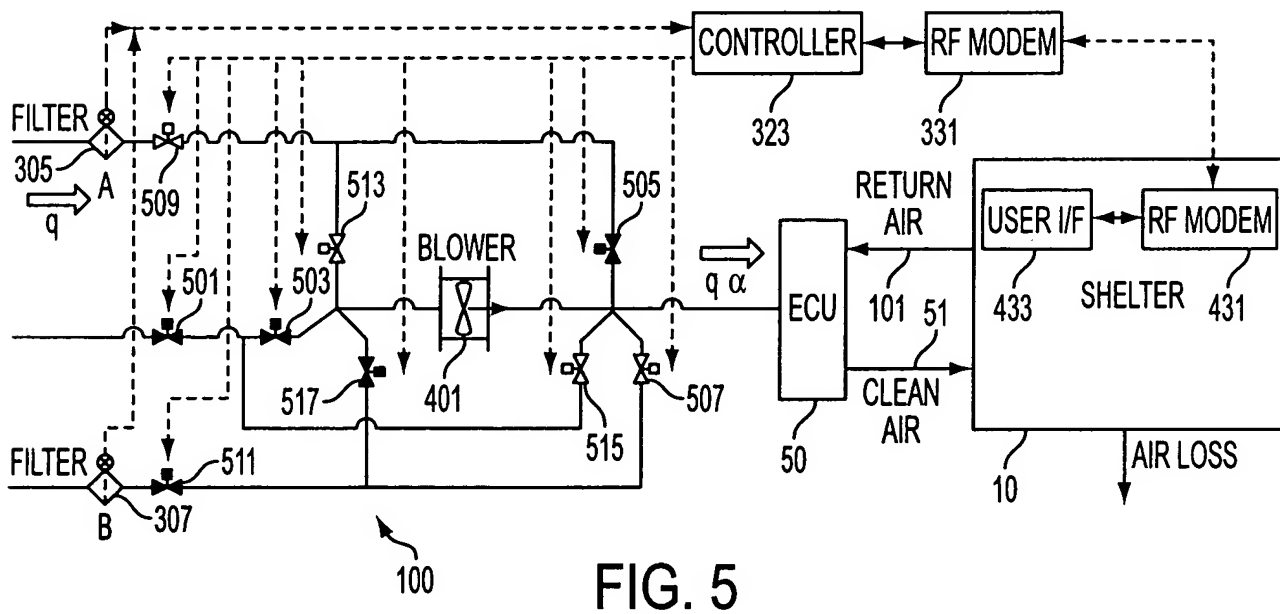
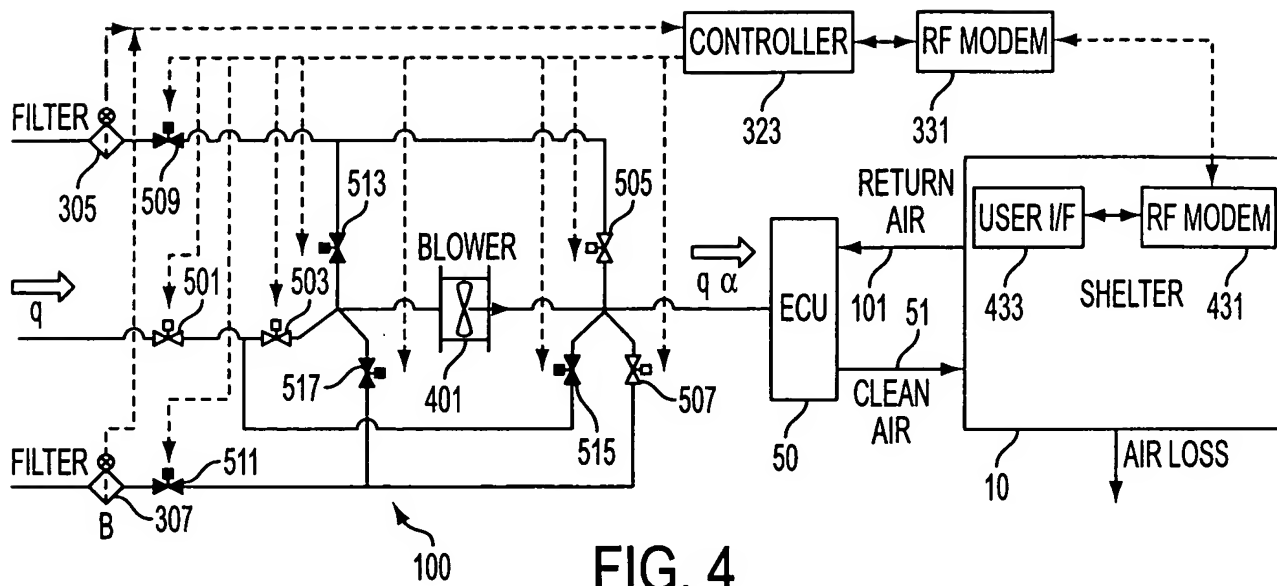


FIG. 3B



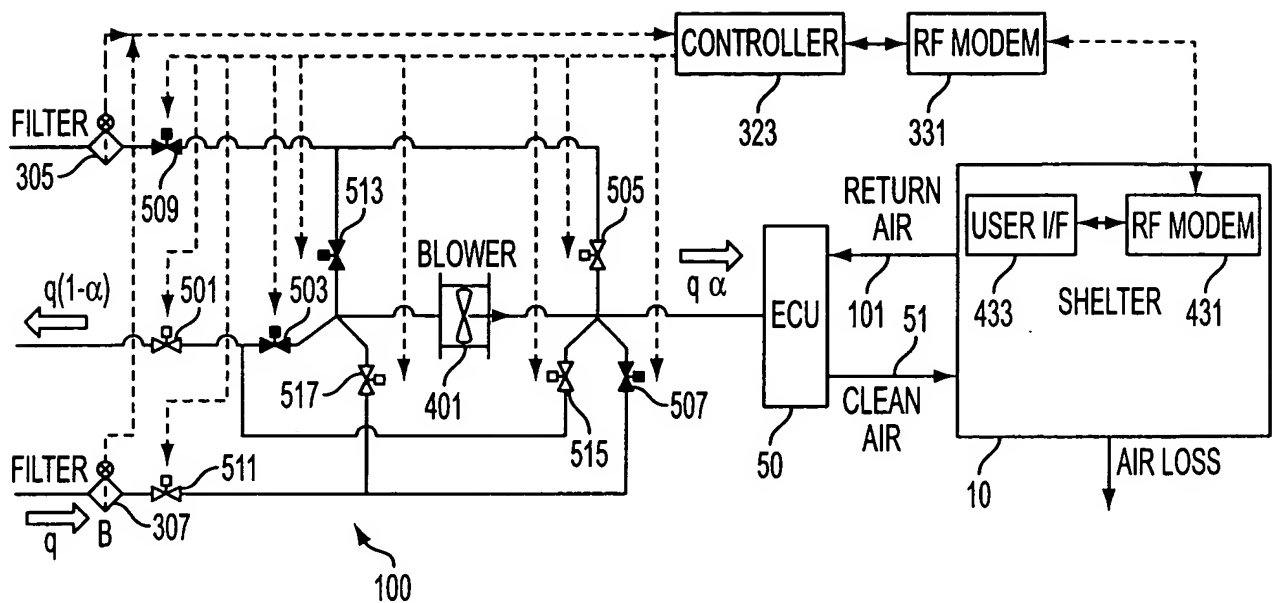


FIG. 7

MODE	VALVE									
	509	501	511	513	503	517	505	515	507	
NO CONTAMINATION	x	o	x	x	o	x	o	x	o	
CONTAMINATION, USING FILTER A	o	x	x	o	x	x	x	o	o	
CONTAMINATION, USING FILTER B	x	x	o	x	x	o	o	o	x	
CONTAMINATION, USING FILTER A, PURGE FILTER B LINE	o	x	o	o	x	x	x	o	o	
CONTAMINATION, USING FILTER B, PURGE FILTER A LINE	o	x	o	x	x	o	o	o	x	
NO CONTAMINATION, USING FILTER A, PURGE LINE	o	o	x	o	x	x	x	o	o	
NO CONTAMINATION, USING FILTER B, PURGE LINE	x	o	o	x	x	o	o	o	x	

LEGEND -

o VALVE OPEN

x VALVE CLOSED

FIG. 8

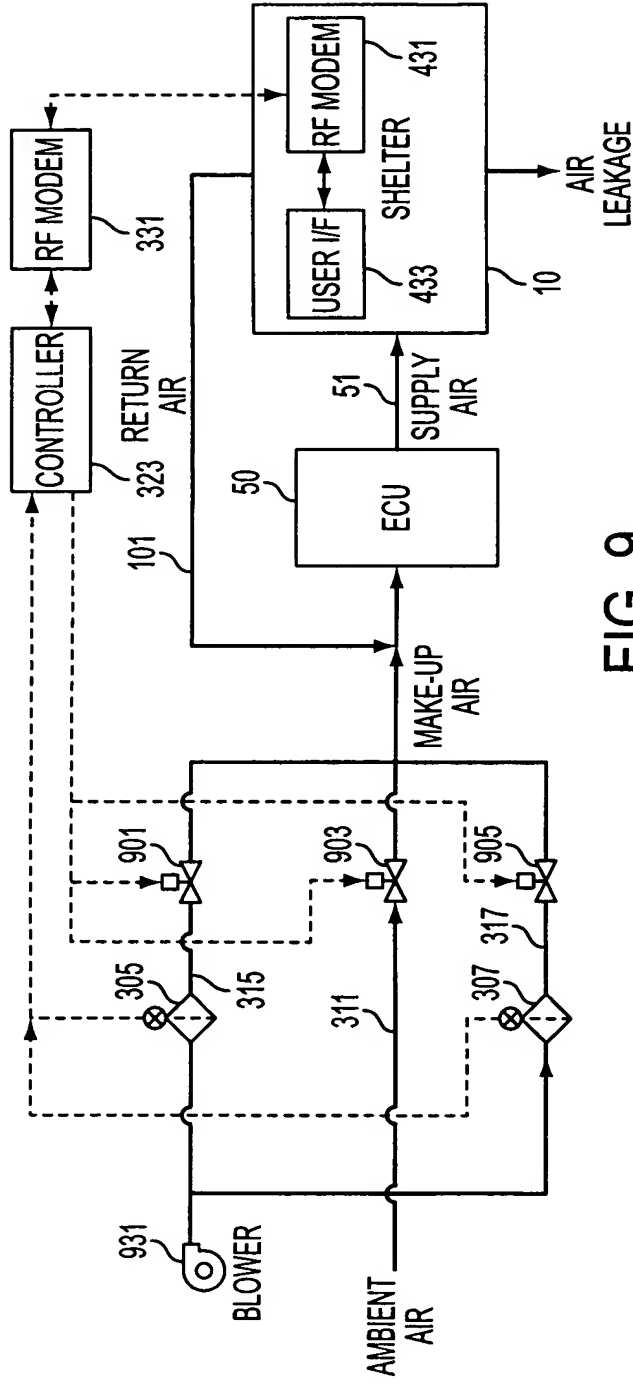


FIG. 9

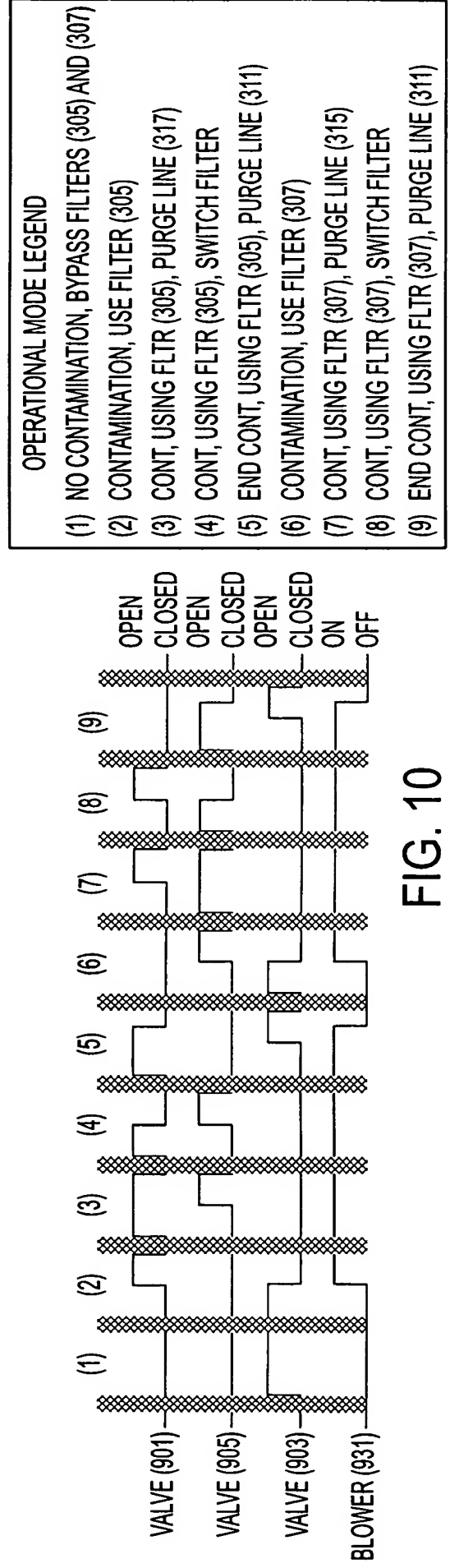


FIG. 10

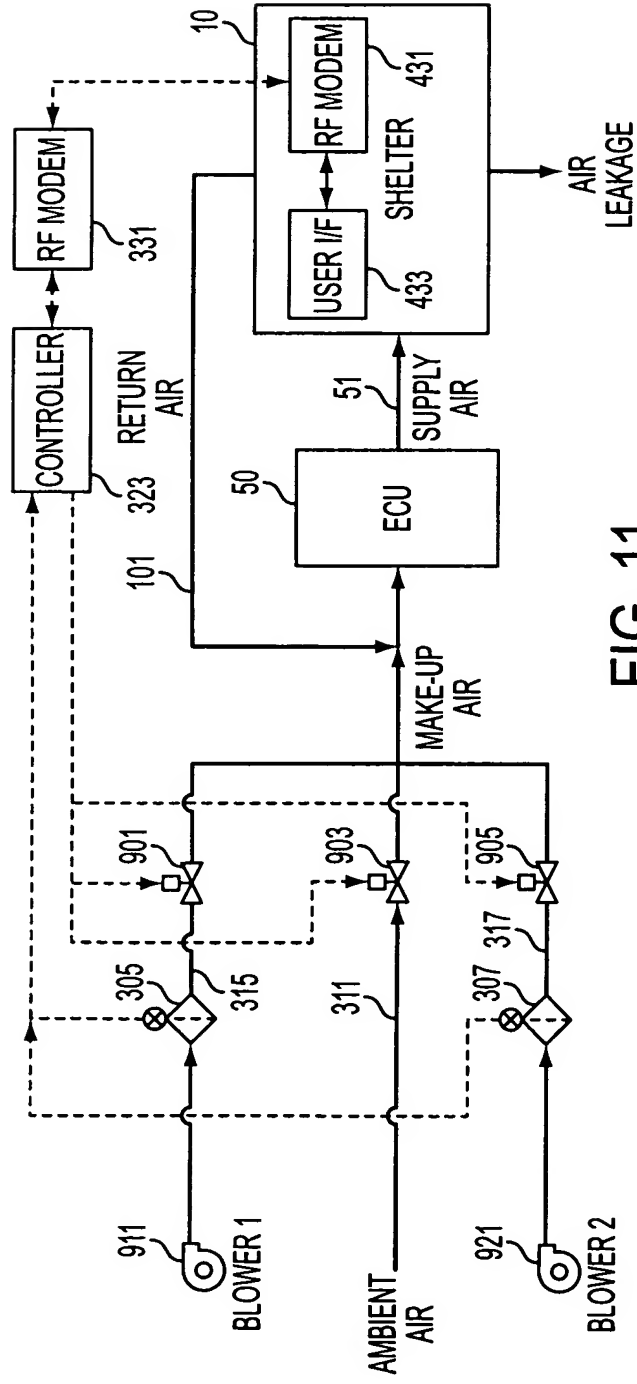


FIG. 11

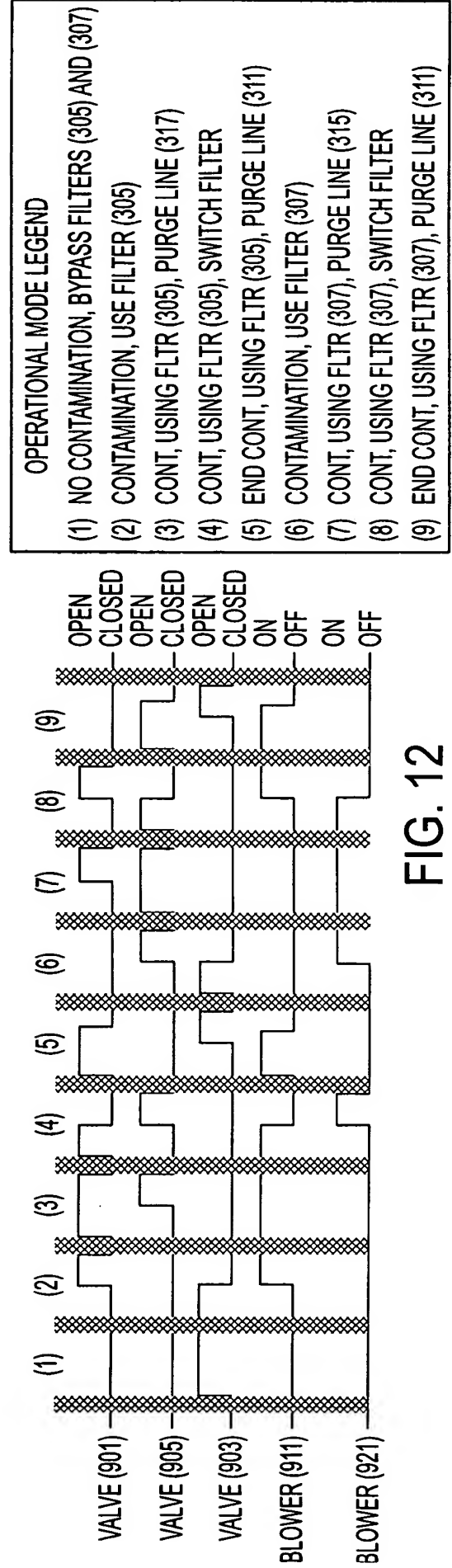


FIG. 12

OPERATIONAL MODE LEGEND

- (1) NO CONTAMINATION, BYPASS FILTERS (305) AND (307)
- (2) CONTAMINATION, USE FILTER (305)
- (3) CONT, USING FLTR (305), PURGE LINE (317)
- (4) CONT, USING FLTR (305), SWITCH FILTER
- (5) END CONT, USING FLTR (305), PURGE LINE (311)
- (6) CONTAMINATION, USE FILTER (307)
- (7) CONT, USING FLTR (307), PURGE LINE (315)
- (8) CONT, USING FLTR (307), SWITCH FILTER
- (9) END CONT, USING FLTR (307), PURGE LINE (311)